

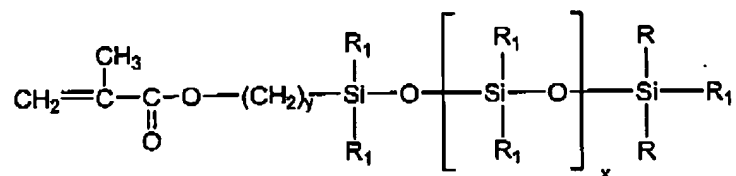
Serial No. 10/692,426

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application

LISTING OF CLAIMS

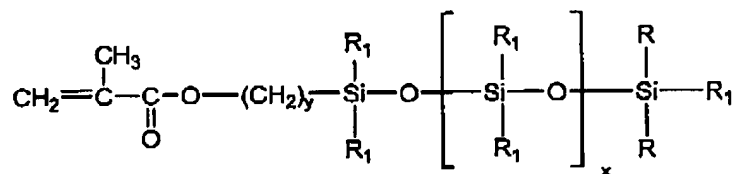
Claim 1 (currently amended): An aromatic-based siloxane macromonomer comprising:



wherein the R groups are the same or different; each R group comprises an aromatic group having a linking group that covalently attached attaches the aromatic group to a linking group silicon atom; R₁ is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number; and wherein an attachment of the aromatic group to the silicon atom results from a hydrosilylation of an allylic functional group on the aromatic group.

Claim 2 (previously presented): The macromonomer of claim 1 wherein said R groups are the same or different C₆₋₃₀ aromatic-based substituents.

Claim 3 (previously presented): An aromatic-based siloxane macromonomer comprising:



wherein R₁ is an aromatic-based substituent or an alkyl; x is a non-negative integer; y is a natural number; and the R groups are the same or different aromatic-based substituents selected from the group consisting of

The image displays a collection of chemical structures, likely representing various organic compounds used in a study. The structures are arranged in a grid-like fashion, showing a variety of aromatic and heterocyclic systems. Key features include:

- Naphthalene derivatives:** Several structures show naphthalene rings substituted with alkoxy groups (e.g., COCCOC1=CC=CC=C2C=CC=CC=C12).
- Biphenyl derivatives:** Structures featuring two benzene rings connected by a single bond, often with substituents like alkoxy groups or halogens.
- Substituted benzenes:** Benzene rings with various substituents, including alkoxy groups (COCCOC1=CC=CC=C1), halogens (fluorine, chlorine), and other functional groups.
- Alkyl and alkoxy chains:** Various linear and branched alkyl and alkoxy chains are shown, often attached to the aromatic systems.

The structures are presented in a clear, black-and-white format, typical of a scientific publication. The overall layout suggests a systematic exploration of different chemical environments or a comparison of various compounds.

PAGE 3/7 * RCVD AT 4/5/2005 9:27:39 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/1 * DNS:8729306 * CSID:+585 338 8706 * DURATION (mm-ss):01-52

Serial No. 10/692,426

Claim 5 (previously presented): The macromonomer of claim 1 wherein said R₁ groups are the same or different C₆₋₃₀ aromatic-based substituents or alkyl substituents.

Claims 6-20 (canceled)